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HR2170, HR2168, HR2167, HR2161, HR2160

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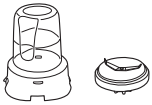
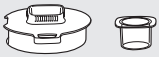

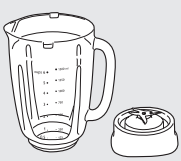
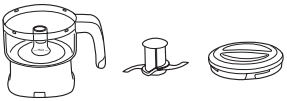

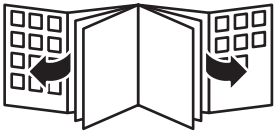

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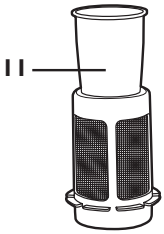

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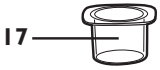

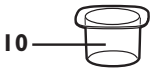

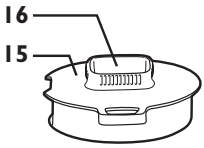

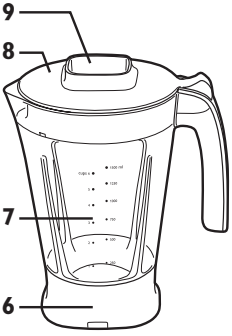

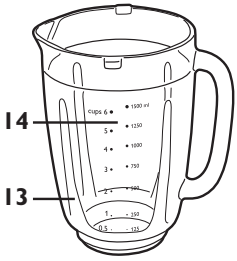

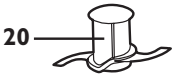

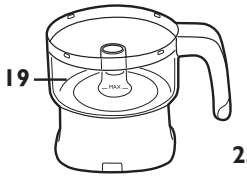

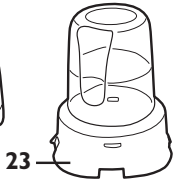

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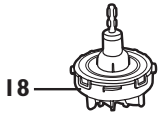

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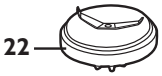

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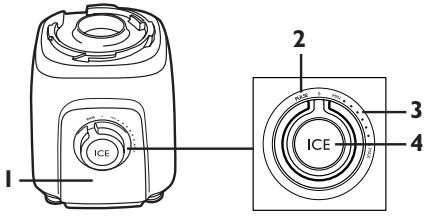

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Introduction

Congratulations on your purchase and welcome to Philips! To fully benefit from the support that Philips offers, register your product at www.philips.com/welcome.
The appliance is equipped with a built-in safety system that prevents the appliance from functioning if the accessories have been assembled incorrectly or have not been assembled at all.

General description (Fig. 1)

1 Motor unit with control knob
2 Pulse setting
3 Speed settings
4 Ice button
5 Plastic blender blade unit
6 Plastic blender jar (HR2168/HR2167/HR2161/HR2160)
7 Level indication
8 Lid of plastic blender jar
9 Opening in lid
10 Measuring cup
11 Filter (HR2168/HR2167 only)
12 Glass blender blade unit
13 Glass blender jar (HR2170 only)
14 Level indication
15 Lid of glass blender jar
16 Opening in lid
17 Measuring cup
18 Coupling unit
19 Chopper bowl (HR2168 only)
20 Chopper blade unit
21 Chopper lid
22 Mill blade unit
23 Mill beaker (HR2168/HR2167/HR2161 only)

Important

Read this user manual carefully before you use the appliance and save it for future reference.

General

Danger

- Never immerse the motor unit in water or any other liquid, nor rinse it under the tap. Use only a moist cloth to clean the motor unit.

Warning

- Check if the voltage indicated on the appliance corresponds to the local mains voltage before you connect the appliance.
- If the mains cord is damaged, you must have it replaced by Philips, a service centre authorised by Philips or similarly qualified persons in order to avoid a hazard.
- Do not use the appliance if the plug, the mains cord or other parts are damaged.
- Never use the blender jar, mill beaker (specific types only) or chopper bowl (specific types only) to switch the appliance on and off.
- Never let the appliance run unattended.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

- Children should be supervised to ensure that they do not play with the appliance.
- Do not touch the blades, especially when the appliance is plugged in. The blades are very sharp.

Caution

- Always unplug the appliance before you assemble, disassemble or make adjustments to any of the parts.
- Never use any accessories or parts from other manufacturers or that Philips does not specifically recommend. If you use such accessories or parts, your guarantee becomes invalid.
- Do not exceed the maximum indication on the blender jar, the mill (specific types only) beaker and the chopper bowl (specific types only).
- Do not exceed the maximum quantities and processing times indicated in the relevant table.
- The appliance can only be switched on if the blender jar, the mill beaker (specific types only) or the chopper bowl (specific types only) is assembled on the motor unit correctly.

Blender

Warning

- Never reach into the blender jar with your fingers or an object while the appliance is running.
- Make sure the blade unit is securely fastened to the blender jar before you assemble the blender jar onto the motor unit.
- Do not touch the cutting edges of the blender blade unit when you handle or clean it. They are very sharp and you could easily cut your fingers on them.
- If the blade unit gets stuck, unplug the appliance before you remove the ingredients that block the blades.

Caution

- Never fill the blender jar with ingredients hotter than 80°C.
- To prevent spillage, do not put more than 1.5 litres of liquid in the blender jar, especially when you process at a high speed. Do not put more than 1 litre in the blender jar when you process hot liquids or ingredients that tend to foam.
- If food sticks to the wall of the blender jar, switch off the appliance and unplug it. Then use a spatula to remove the food from the wall.
- Always make sure the lid is properly closed/assembled on the jar and the measuring cup is inserted properly in the lid before you switch on the appliance.
- HR2170 only: The jar is made of glass and therefore breakable. Do not drop the jar on a hard floor. Also avoid extreme thermal shocks. If the jar is very cold, rinse it well with lukewarm water before you pour hot liquid into it. If the glass jar cracks, stop using it.

Mill (HR2168/HR2167/HR2161 only)

Warning

- Make sure the blade unit is securely fastened to the mill beaker before you assemble the mill beaker onto the motor unit.
- Do not touch the cutting edges of the mill blade unit when you handle or clean it. They are very sharp and you could easily cut your fingers on them.
- Never use the mill to grind very hard ingredients such as nutmeg and ice cubes.

Caution

- Never use the mill for more than 30 seconds without interruption. Let the mill cool down to room temperature between processing cycles.
- Always process cloves, star anise and aniseed together with other ingredients. If processed separately, these ingredients may attack the plastic materials of the appliance.
- The mill beaker may become discoloured when you use the mill to process ingredients such as cloves, anise and cinnamon.
- The mill is not suitable for chopping raw meat. Use the blender or chopper instead.

- Do not use the mill to process liquids such as fruit juice.

Chopper (HR2168 only)

Warning

- Make sure the coupling unit is securely fastened to the chopper bowl before you assemble the chopper onto the motor unit.
- Do not touch the cutting edges of the chopper blade unit when you handle or clean it. They are very sharp and you could easily cut your fingers on them.
- Never reach into the chopper bowl with your fingers or an object while the appliance is running.
- If the blade unit gets stuck, unplug the appliance before you remove the ingredients that block the blades.

Caution

- Always make sure the lid is properly assembled on the chopper bowl before you switch on the appliance.
- If food sticks to the wall of the chopper bowl, switch off the appliance and unplug it. Then use a spatula to remove the food from the wall.

Filter (HR2168/HR2167 only)

Caution

- Never use the filter to process ingredients hotter than 80°C.
- Never overload the filter. Do not fill the filter beyond its metal part.
- Always make sure the lid of the blender jar is closed/assembled properly and the measuring cup is inserted properly in the lid before you switch on the appliance.
- Cut fruit into smaller pieces before you put it in the filter.
- Soak dried ingredients, such as soy beans, before you put them in the filter.

Electromagnetic fields (EMF)

This Philips appliance complies with all standards regarding electromagnetic fields (EMF). If handled properly and according to the instructions in this user manual, the appliance is safe to use based on scientific evidence available today.

Built-in safety lock

This feature ensures that you can only switch on the appliance if the blender jar and lid, the mill beaker or the chopper bowl and lid (specific types only) are assembled on the motor unit properly. If the blender jar and lid, the mill beaker or the chopper bowl and lid are correctly assembled, the built-in safety lock will be unlocked.

Motor circuit protector

The appliance is equipped with a motor circuit protector that switches off the motor if the motor jams (which might occur during heavy processing jobs or if the appliance is not used according to the instructions in the user manual). If this happens, first switch off and unplug the appliance and let it cool down to room temperature. Then check if the quantity of ingredients you are processing does not exceed the quantity mentioned in the user manual or if something is blocking the blade unit.

Before first use

Thoroughly clean the parts that come into contact with food before you use the appliance for the first time (see chapter 'Cleaning').

Using the appliance

Blender

The blender is intended for:
- Blending fluids, e.g. dairy products, sauces, fruit juices, soups, mixed drinks, shakes.
- Mixing soft ingredients, e.g. pancake batter or mayonnaise.
- Pureeing cooked ingredients, e.g. for making baby food.

Preparing the blender for use

1 Screw the blender blade unit clockwise onto the blender jar (Fig. 2).

2 Mount the blender jar with the blade unit attached to it onto the motor unit and turn it clockwise until it locks into position (Fig. 3).

3 Put the ingredients in the blender jar.
Let hot ingredients cool down before you put them in the blender jar (max. temperature 80°C/175°F).

4 HR2170 only: fasten the lid on the jar by pressing it down (1) and turning it clockwise (2). (Fig. 4)

Note: Make sure that the sieve in the lid is positioned in front of the spout of the jar to be able to pour out liquids.

5 HR2168/HR2167/HR2161/HR2160 only: close the lid.

6 Insert the measuring cup into the lid (Fig. 5).

Note: To disassemble the blender, follow the instructions above in reverse order and direction.

Using the blender

Never reach into the jar with your fingers or an object (e.g. a spatula), while the blender is running.

Do not exceed the maximum level indicated on the blender jar.

1 Put the mains plug in the wall socket.

2 Switch on the appliance. (Fig. 6)

Note: See the blender table at the end of this user manual for the recommended quantities, speed settings and processing times.
- To process ingredients at a particular speed, turn the control knob to the required speed setting.

Do not let the appliance run for more than 2 minutes at a time. Let the appliance cool down to room temperature before you continue processing.

- To process ingredients very briefly, turn the control knob to the pulse setting (P) several times.

Never use the pulse setting longer than a few seconds at a time.

- To crush ice, press the ICE button.

3 When you have finished processing, set the control knob to 0 and unplug the appliance.

Always set the control knob to 0 before your open the lid.

Tips
- To prevent spillage, do not put more than 1.5 litres of liquid in the blender jar, especially when you process at a high speed. Do not put more than 1 litre in the blender jar when you process hot liquids or ingredients that tend to foam.
- You can use the opening in the lid to add ingredients while the appliance is running (Fig. 7).

- Do not process dry ingredients for more than 1 minute.
- Cut solid ingredients into smaller pieces before you put them in the blender jar. Do not process a large quantity of solid ingredients at the same time. Process these ingredients in a series of small batches instead.
- If you are not satisfied with the results when you blend solid ingredients, use the pulse setting a few times to let the blender run briefly. If you want to use a spatula, switch off the appliance, open the lid and then stir the ingredients. You can also remove some of the contents of the jar and process smaller amounts.
- To crush ice cubes, put max. 5 cubes in the jar at a time and press the ICE button a few times.

HR2170 only: The jar is made of glass and therefore breakable. Do not drop the jar on a hard floor. Also avoid extreme thermal shocks. If the jar is very cold, rinse it well with lukewarm water before you pour hot liquid into it. If the glass jar cracks, stop using it.

Filter (HR2168/HR2167 only)

You can use the filter to obtain extra finely blended sauces, fresh fruit juices or cocktails. All pips and skins are caught in the filter.
HR2170/HR2160: You can order the filter (type number HR2963) from your Philips dealer.

Never fill the filter beyond its metal part.

Do not use the filter to process hot ingredients.

Preparing the filter for use

1 Assemble the blender jar onto the motor unit (see section 'Preparing the blender for use' in this chapter).

2 Put the filter in the blender jar (Fig. 8).
Make sure the filter is placed properly on the bottom of the jar.
The grooves of the filter and the ribs inside the blender jar help you put the filter in the right position.

3 Close the lid.

Using the filter

1 Put the ingredients in the filter through the opening in the lid.
Cut fruits into smaller pieces and soak dried pulses, such as soy beans, before you process them in the filter.

2 Add water or another liquid.

3 Put the measuring cup in the lid, set the control knob to the highest speed and let the appliance run for max. 40 seconds.

4 Set the control knob to 0 and remove the blender jar from the motor unit.

5 Pour out the drink through the spout of the blender jar (Fig. 9).
Make sure the lid is closed and the measuring cup is in the lid. This prevents pulp and skins from ending up in your drink.

6 For optimal results, put the jar with the remaining ingredients back onto the appliance, without opening/removing the lid. Then let the appliance run for a few more seconds.

7 Pour out the rest of the drink.

8 When you have finished processing, set the control knob to 0 and unplug the appliance.

Tips

- When you process a large quantity, we advise you not to put all the ingredients in the filter at the same time. Start to process a small quantity and let the appliance run for a few seconds. Then switch off the appliance and add another small quantity. Repeat this procedure until you have processed all the ingredients. Always keep the lid on the blender jar during processing.
- To get the best result when you make fruit juices and cocktails, add approx. 300ml water to 150g fruit. You can also use other liquids, e.g. to make cocktails.
- To make tomato juice, cut the tomatoes in four and drop the pieces through the opening in the lid onto the rotating blades.

Mill (HR2168/HR2167/HR2161 only)

You can use the mill to grind and chop ingredients such as peppercorns, sesame seeds, rice, wheat, coconut flesh, nuts (shelled), coffee beans, dried soy beans, dried peas, cheese, breadcrumbs, etc.

Always process cloves, star anise and aniseed together with other ingredients. If processed separately, these ingredients may attack the plastic materials of the appliance.

The mill is not suitable for chopping very hard ingredients like nutmeg and ice cubes.

Do not exceed the maximum level indicated on the mill beaker.

Preparing the mill for use

1 Put the ingredients in the mill beaker (Fig. 10).

Note: See the mill table at the end of this user manual for the recommended quantities and processing times.

2 Screw the mill blade unit clockwise onto the mill beaker (Fig. 11).

3 Turn the assembled mill upside down and screw it clockwise onto the motor unit (Fig. 12).

Using the mill

1 Switch on the appliance.
We advise you to use the pulse setting or speed setting 5.

Never let the mill run for more than 30 seconds without interruption.

2 When you have finished processing, set the control knob to 0 and unplug the appliance.

3 To remove the mill from the motor unit, turn the mill anticlockwise.

Chopper (HR2168 only)

You can use the chopper to chop ingredients such as onions, meat, herbs, vegetables, fruit, chocolate, firm cheese, baby food and nuts.
HR2170/HR2161/HR2160: You can order the chopper (type number HR2965) from your Philips dealer.

Do not use the chopper to mix liquids. Use the blender for this purpose.

1 Insert the coupling unit of the chopper into the bottom of the chopper bowl (1). Turn the coupling unit anticlockwise to fix it (2) (Fig. 13).

2 Place the chopper bowl (1) on the motor unit and turn it clockwise to fix it (2). (Fig. 14)

3 Place the chopper blade unit in the chopper bowl (Fig. 15).

4 Put the ingredients in the chopper bowl (Fig. 16).

Note: See the chopper table at the end of this user manual for the recommended quantities and processing times.

Do not exceed the maximum quantities indicated in the table.

Tip: Precut large pieces of food into pieces of 1-2cm.

5 Put the lid on the chopper bowl (1) and turn it clockwise to fix it (2) (Fig. 17).

Note: Make sure the lid is properly fixed before you switch on the appliance.

6 Switch on the appliance.

Note: If the appliance shakes because the food is not evenly distributed, put your hand on the lid.

Note:The chopper does its work in a few seconds. Never let it run longer than a few seconds.

7 When you have finished processing, set the control knob to 0 and unplug the appliance.

8 Turn the chopper bowl anticlockwise (1) and remove it from the motor unit (2). (Fig. 18)

9 Turn the coupling unit clockwise (1) and remove it from the bottom of the chopper bowl (2) (Fig. 19).

10 Remove the lid and the blade unit from the chopper bowl.

Be careful when you handle the blade unit. The cutting edges of the blade unit are sharp.

11 Empty the chopper bowl.

Always remove blade unit from the chopper bowl and the chopper from the motor unit before you empty the chopper bowl.

Cleaning (Fig. 20)

Never use scouring pads, abrasive cleaning agents or aggressive liquids such as petrol or acetone to clean the appliance.

1 Switch off and unplug the appliance.

2 Disassemble all removable parts before you clean them.

3 Clean the different parts of the appliance as indicated in the cleaning table.

Tips:

- Cleaning the appliance and its parts is easiest immediately after use.
- If necessary, clean the mesh of the filter with a very soft brush.

Quick-cleaning the blender jar

1 Fill the blender halfway with warm water and add a few drops of washing-up liquid.

2 Turn the control knob to the pulse setting a few times.

3 Detach the blender jar, empty it and rinse it under the tap.

Storage

1 To store the mains cord, push it into the cord storage compartment in the base (Fig. 21).

2 Store the appliance in a safe and dry place.

Environment

- Do not throw away the appliance with the normal household waste at the end of its life, but hand it in at an official collection point for recycling. By doing this, you help to preserve the environment (Fig. 22).

Guarantee & service

If you need service or information or if you have a problem, please visit the Philips website at **www.philips.com** or contact the Philips Consumer Care Centre in your country (you find its phone number in the worldwide guarantee leaflet). If there is no Consumer Care Centre in your country, go to your local Philips dealer.

Recipes

For more recipes, visit our website www.philips.com/kitchen.

Baby food

Ingredients
- 250g cooked chicken meat
- 250g cooked potatoes
- 250g cooked green beans
- 450ml milk

1 Assemble the blender jar onto the motor unit (see section 'Using the appliance').

2 Precut the ingredients into pieces of 2x2x2cm.

3 Put the ingredients in the blender jar.

4 Blend the ingredients for 25 seconds (or longer for a finer result).

Note: If you want to prepare a larger quantity, let the appliance cool down to room temperature before you process the next batch of ingredients.

Soy milk

Ingredients
- 180g soy beans (soaked)
- 500ml warm water

1 Soak the soy beans in fresh water for at least 4 hours until they are soft.

2 Process the soaked soy beans with 500ml warm water in the blender for approx 60 seconds until you have obtained a smooth liquid.

Note: If you want to prepare a larger quantity, let the appliance cool down to room temperature before you process the next batch of ingredients.

Five Spice powder

Ingredients
- 2g aniseed
- 2g star anise
- 2g Chinese cassia
- 2g cloves
- 2g Chinese liquorice

1 Put all ingredients in the mill beaker.

2 Grind the ingredients for 30 seconds.

Note: If you want to prepare a larger quantity, let the appliance cool down to room temperature before you process the next batch of ingredients.

Thai massaman

Ingredients

- 20g shallots
- 15g garlic
- 7g galangal
- 9g lemongrass
- 2 cloves
- 1 tbsp coriander seeds
- 1 tbsp cumin seeds
- 3 dried chillies
- 5 peppercorns
- 1 tbsp shrimp paste
- 1 tbsp salt

1 Cut the galangal into slices of approx. 1cm.

2 Put all ingredients in the mill beaker.

3 Grind the ingredients for 30 seconds.

Note: If you want to prepare a larger quantity, let the appliance cool down to room temperature before you process the next batch of ingredients.

Chilli paste

Ingredients

- 20g fresh red chillies
- 30g shallots
- 2 cloves garlic

1 Cut the chillies and shallots into large pieces that fit into the chopper bowl.

2 Put the chillies, shallots and garlic in the chopper bowl.

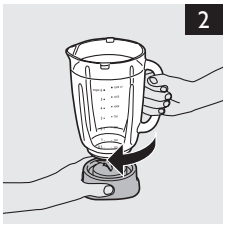
3 Chop the ingredients for 30 seconds.

Note: If you want to prepare a larger quantity, let the appliance cool down to room temperature before you process the next batch of ingredients.

Frequently asked questions

If the appliance does not work or does not work properly, first check the list below or visit the Philips website at www.philips.com/welcome. If the problem is not mentioned in this list or on the internet, the appliance probably has a defect. In that case we advise you to take the appliance to your dealer or to an authorised Philips service centre.

Question	Answer
Why doesn't the appliance work?	This appliance is equipped with a safety system. The appliance does not work if the blender jar with lid, the chopper bowl with lid (specific types only) or the mill beaker (specific types only) are not assembled correctly on the motor unit or are not assembled at all. Check if you have assembled the blender jar with lid, the chopper bowl with lid or the mill beaker correctly (see the various sections in this user manual). Set the control knob to 0 first.
Can I clean all removable parts in the dishwasher?	Yes, except the motor unit and the coupling unit of the chopper (specific types only).
What does 'pulse' mean?	When you turn the control knob to the pulse setting, the appliance runs at its highest speed as long as you keep the knob in this position. Use the pulse setting if you want to have more control over the processing jobs.
Can I pour boiling hot liquids into the blender jar?	No, let hot liquids cool down to 80°C/175°F to avoid damage to the jar.
Why does the motor produce an unpleasant smell during processing?	It is common for a new appliance to give off an unpleasant smell or emit some smoke the first few times it is used. This phenomenon stops after you have used the appliance a number of times. The appliance may also give off an unpleasant smell or emit some smoke if it has been used too long. In this case, set the control knob to 0 and let the appliance cool down for 60 minutes.
The appliance stopped running because the blade unit is blocked. What should I do?	Set the control knob to 0 and use a spatula to dislodge the ingredients that block the blade unit. We also advise you to process a smaller quantity.
Why does the fruit juice or soy milk contain a lot of pulp or skins?	To prevent pulp and skins from ending up in your drink, make sure that the filter (specific types only) is placed properly in the jar, the lid is closed and the measuring cup is inserted in the lid.
The blender jar leaks. What should I do?	Set the control knob to 0 and pour out the ingredients. Make sure that the sealing ring is properly in place on the blade unit. Also make sure that the blade unit is assembled correctly.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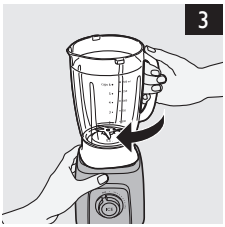
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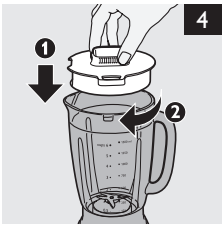
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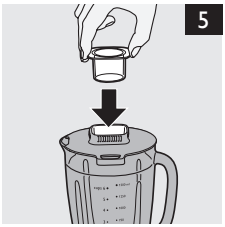
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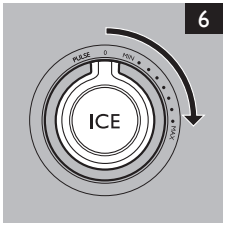
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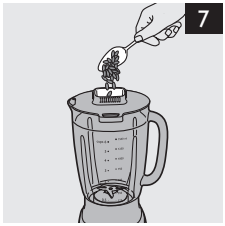
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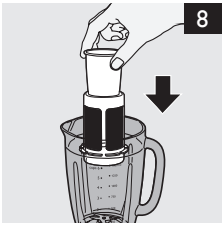
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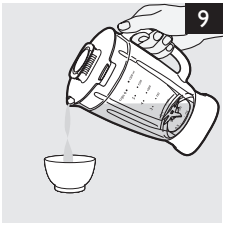
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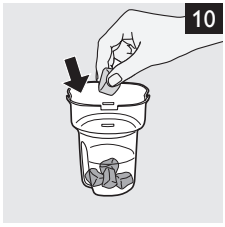
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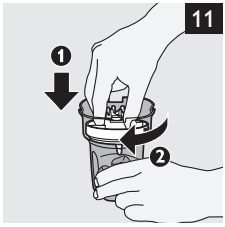
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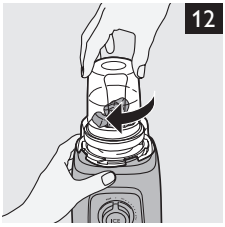
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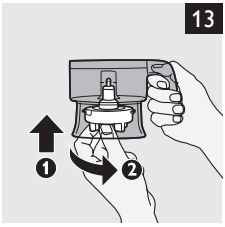
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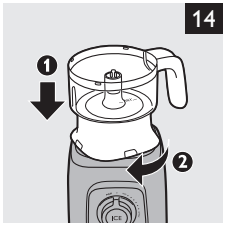
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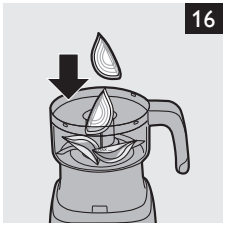
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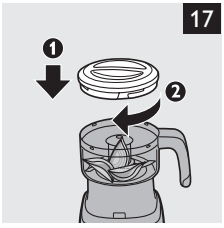
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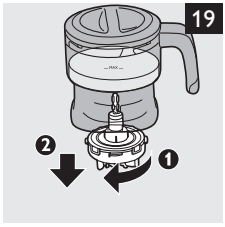
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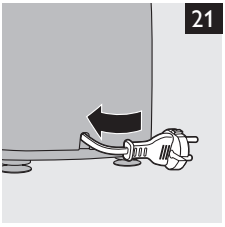
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22

		MAX	<500g	90 sec.
		MAX	<750ml	60 - 90 sec.
		MAX	<1000ml	60 - 120 sec.
		MAX	<1000ml	30 - 60 sec.
		MAX	<750ml	60 - 90 sec.
			5x	5 - 6 pulses
		P	50 - 150g	5 - 8 pulses
		P	50 - 200g	5 - 10 pulses
		P	10 - 20g	7 - 10 pulses
		P	75 - 150g	20 - 30 sec.
		P	max. 150g	30 sec.
		P	max. 150g	35 sec.
		P	100 - 200g	30 sec.
		P	25 - 150g	30 sec.
		P	5 - 25g	30 sec.
		P	25 - 75g	30 sec.
		P	25 - 75g	30 sec.
		P	25 - 50g	30 sec.
		P	25 - 75g	10 sec.
		P	20 - 40g	10 sec.

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